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U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) The fre:

A. paperoved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

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1.	DRAWINGS. 37 CFR 1.84(a): Acceptable	categories of drawings:	8.	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
	Black ink. Color.			Words do not appear on a horizontal, left-to-right fashion
	Color drawings are not acceptable unt	I petiton is granted.		when page is either upright or turned so that the top
	Pencil and non black ink not permitted	Fig(e)	0	becomes the right side, except for graphs. Fig(s)
2.	PHOTOGRAPHS. 37 CFR 1.84(b)	. r·ig(s)	9.	SCALE. 37 CFR 1.84(k)  Scale not large enough to show mechanism without
	1 full-tone set is required. Fig(s)			crowding when drawing is reduced in size to two-thirds in
	Photographs may not be mounted. 37	CFR 1.84(e)		reproduction.
	Poor quality (half-tone). Fig(s)	` '		Fig(s)
3.	TYPE OF PAPER. 37 CFR 1.84(e)	<del></del>	10.	CHARACTER OF LINES, NUMBERS, & LETTERS.
	Paper not flexible, strong, white, and	urable.		37 CPR 1.84(i)
	Fig(s)			Lines, numbers & letters not uniformly thick and well
	Erasures, alterations, overwritings, int			defined, clean, durable, and black (poor line quality).
	folds, copy machine marks not accepte			Fig(s)
	Mylar, velum paper is not acceptable ( Fig(s)	loo thin).	11.	SHADING. 37 CFR 1.84(m)
4	SIZE OF PAPER. 37 CFR 1.84(f): Accept	ble sizes.		Solid black areas pale. Fig(s)
	21.0 cm by 29.7 cm (DIN size A4)	ole sizes.		Solid black shading not permitted. Fig(s)  Shade lines, pale, rough and blurred. Fig(s)
	21.6 cm by 27.9 cm (8 1/2 x 11 inches	١	12	NUMBERS, LETTERS, & REFERENCE CHARACTERS.
	All drawing sheets not the same size.	•		37 CFR 1.84(p)
	Sheet(s)			Numbers and reference characters not plain and legible
	Drawings sheets not an acceptable size	. Fig(s)		Fig(s) 2 5 8 10 Figure legends are poor. Fig(s) 2 5 8
5.	MARGINS. 37 CFR 1.84(g): Acceptable of	argins:		Figure legends are poor. Fig(s)
				Numbers and reference characters not oriented in the
	Top 2.5 cm Left 2.5cm Right 1.5 cm Botte	m 1.0 cm		same direction as the view. 37 CFR 1.84(p)(1)
	SIZE: A4 Size			Fig(s)
	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bott SIZE: 8 1/2 x 11	om 1.0 cm		English alphabet not used. 37 CFR 1.84(p)(2)
	Margins not acceptable. Fig(s)	•		Figs
	Top (T) Left (L)			Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
	Right (R) Bottom (	B)		Fig(s)
6.	VIEWS. 37 CFR 1.84(h)	-,	13.	LEAD LINES. 37 CFR 1.84(q)
	REMINDER: Specification may require re-	ision to		Lead lines cross each other. Fig(s)
	correspond to drawing changes.			Lead lines missing. Fig(s)
	Partial views. 37 CFR 1.84(h)(2)		14.	NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(I)
	Brackets needed to show figure as one	entity.		Sheets not numbered consecutively, and in Arabic numerals
	Fig(s)			beginning with number 1. Sheet(s)
	Views not labeled separately or proper Fig(s)	ly.	15.	NUMBERING OF VIEWS. 37 CFR 1.84(u)
	Enlarged view not labeled separetely of	r property		Views not numbered consecutively, and in Arabic numerals,
	Fig(s)	гргорену.	16	beginning with number 1. Fig(s) CORRECTIONS. 37 CFR 1.84(w)
			10.	Corrections not made from prior PTO-948
7.	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)			dated
	Hatching not indicated for sectional pe	rtions of an object.	17.	DESIGN DRAWINGS. 37 CFR 1.152
	Fig(s)	·		Surface shading shown not appropriate. Fig(s)
	Sectional designation should be noted	with Arabic or		Solid black shading not used for color contrast.
	Roman numbers. Fig(s)			Fig(s)
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C	OMMENTS			
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## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Reveiw Branch.

# 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

## 3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

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